

SINLOON®

閉磁式功率電感
Inductance Range: 1.0μH ~ 47μH

TYPE: 3316DC Series
SMT Shielded Power Inductors

SMT Shielded Power Inductors
3316DC Inductance Range 1.0μH ~ 47μH

□ Feature

- ◆ Magnetically shielded construction (閉磁路構造設計)
- ◆ Compact and thin (輕便薄小)

□ Applications

- ◆ DC-DC converter of portable equipment. (攜帶機器之直流轉換器)
- ◆ Camcorder, LCD television set, Digital camera, P.D.A., Notebook. (攝影機、液晶電視、數位相機、P.D.A.、筆記型電腦)

□ Figure



□ Ordering

Product Identification of Part Number
Type: Ex. 3316DC-1R0M
* See Product Part of Number
Tolerance: K ±10%; L ±15%; M ±20%; N ±30%
Packing: 1000pcs/Φ330mm

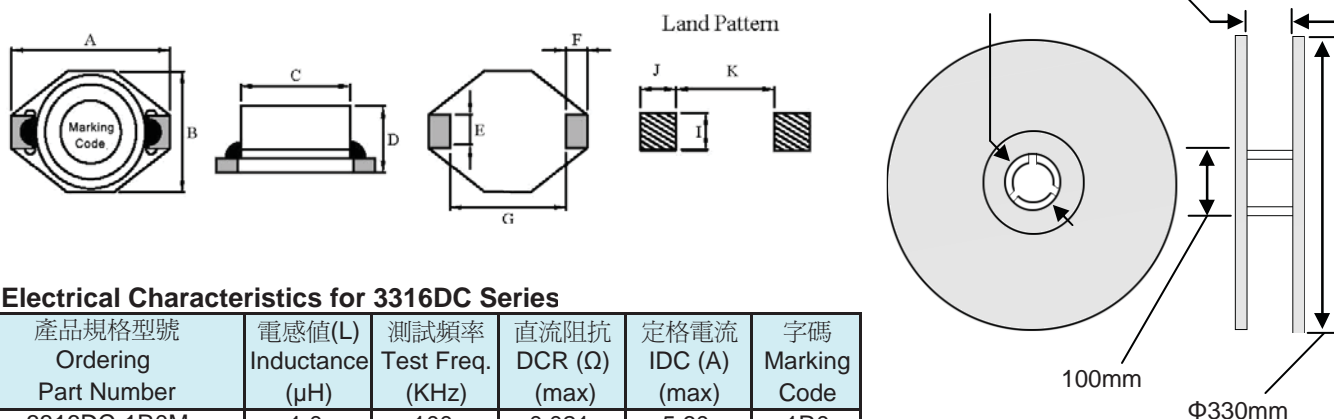
□ Configurations & Dimension

Unit:mm

TYPE	A (max)	B (max)	C (max)	D (max)	E	F	G	I	J	K
3316DC	12.95	9.4	8.4	5.08	2.54±0.3	2.54±0.3	7.62±0.3	2.79	3.0	7.37

※Design as Customers Requested Specifications (可依特殊需求設計生產)

□ Reel Type Dimension



□ Electrical Characteristics for 3316DC Series

產品規格型號 Ordering Part Number	電感值(L) Inductance (μH)	測試頻率 Test Freq. (KHz)	直流阻抗 DCR (Ω) (max)	定格電流 IDC (A) (max)	字碼 Marking Code
3316DC-1R0M	1.0	100	0.021	5.60	1R0
3316DC-1R5M	1.5	100	0.022	5.20	1R5
3316DC-2R2M	2.2	100	0.032	5.00	2R2
3316DC-3R3M	3.3	100	0.039	3.90	3R3
3316DC-4R7M	4.7	100	0.054	3.20	4R7
3316DC-6R8M	6.8	100	0.075	2.80	6R8
3316DC-100M	10.0	100	0.101	2.40	100
3316DC-150M	15.0	100	0.150	2.00	150
3316DC-220M	22.0	100	0.207	1.60	220
3316DC-330M	33.0	100	0.334	1.40	330
3316DC-470M	47.0	100	0.472	1.00	470

- ※ Test Frequency: 100KHz / 0.1V
- ※ Operating Temperature: -40°C ~ +85°C
- ※ Inductance drop : 10% typ at Isat.

※美隆公司產品規格及其特性參數的改變或更新恕不另行通知。

※Mayloon characteristic parameters of electronic product specification changes or updates without notice to improve

